# **UIVERSIFICATION ON** SOUTHERN FARMS

Crops Must Be Diversified to Keep Our Money at Home.

#### BREEDING HORSES AND MULES

Big Key to Agricultural Reform in the South Is More Labor-Saving Machinery on the Farm-Chief Cause of Poverty.

(By G. H. ALFORD.)

We must diversify our crops and keep our money at home to build magnificent homes, churches, ; school houses, and good roads, and to educate our children and fill our banks to overflowing; keep out of debt and insist on getting all that we buy at the lowest price for cash; increase the fertility of our soils by reducing washing to the minimum, by deep plowing and turning under vegetable matter, a rotation of crops, including leguminous crops, and the addition of barnyard manure and ground phosphate rock; plant the most prolific seed instead of seed that have run out; use economic plants, such as legumes, and small grains and sorghum for feed instead of so much expensive corn; use commercial fertilizers judiciously; drain our lands better; give our soil better preparation and frequent and shallow cultivation, but the use of more horse power is probably the most effective remedy for poverty in the south.

The big key to agricultural reform in the south is more horse power and labor-saving implements on the farm. The average farm worker toils with a small mule or horse, and his total annual income is only about \$148. In lows, the average farm worker uses nearly feur large horses and produces \$611.11 annually, exclusive of stock. An analysis of the different states show a much smaller use of power on the southern farms than in any other section of the country, and consequently less use of labor-saving farm implements and correspondingly lower capacity of the farmers.

Probably the chief cause of poverty

THOROUGH

CURB+

humus. A shallow soil devoid of veg-

grass and weeds with a one-horse

slow process and should not be prac-

ticed unless the land is full of roots

saving farm implements, and no farm-

er can afford to walk down each mid-

vation. The one-row cultivator should

each year for the purchase of mules

and horses. Few small farmers can

least half the work stock on southern

farms should be draft mares, actively

engaged in heavy work and mule pro-

duction. It is a great economic waste

not to use one or more draft mares on

lions of dollars are leaving the south | months old.

be used by every farmer.

spare. It is perfectly clear that when work done on a farm by two geldings or mules is equally as well done by three mares at a very slight expense in feed cost, and when such extra feed cost is off-set with a balance of \$100 to \$150 to spare, that it is an economic waste not to use mares. The man who uses mares and produces colts adds to his own wealth and to that of the community where he resides

We must get pure bred draft sires if we are to build up our present undersized stock of mares into goodsized, well-built draft mares for farm work and colt production. Of course there is a splendid opportunity at the present time for many southern farm-



ers to purchase such draft mares as are suited to southern conditions, but we cannot go north and west and buy such grade draft mares as cheaply as we can grow them. Furthermore, we cannot purchase a sufficient number of draft mares to make much progress within two or three generations.

The colt from a first-class draft sire and one of our small mares will usually weigh from 1,100 to 1,400 pounds. Two or three successive crosses with pure bred draft sires will in the south is the one-horse breaking build this undersized stock up into a

INDNESS

AN UNSOUNDNESS IS ANYTHING WHICH WILL INTERFERE WITH THE PRESENT OR WITH THE FUTURE USEFULNESS OF THE HORSE.

+ BOO SPAVIN

REMEDY: BREED SOUND HORSES.

#### HOPE TO RAISE LARGE SUM MINDS IN COMPLETE ACCORD

to Be Sold for Anti-Tuberculosis Work.

Few people have any idea of the 000,000 seals have been printed and drug habit If placed end-to-end these seals would extend nearly 2,400 and in that respect we're like Mr. and miles, or practically from New York Mrs. Smith. to Salt Lake City. They have been sent to over 25,000 different agents and will be sold and handled by an army of not less than 100,000 volunteers, including men, women and children. Millions of advertising circutars have been scattered throughout the country, and so thoroughly has the advertising campaign been organized that it is doubtful if many people in the more populous states of the country will not have heard of the Red Cross seal and its mission in

the prevention of tuberculosis. It is hoped that at least 50,000,000 seals may be sold this year. The principle pon which the sale of seals is based s that every cent except what little is needed to cover the actual cost of printing and handling shall be spent for tuberculosis work in the community where the seals are sold.

#### BAD TETTER ON HANDS

R. F. D. No. 1, Critz, Va .- "I had tetter on my hands so badly that I could hardly do anything. It would begin to come in clear white blisters, then they would burst and peel off all over and crack and bieed. My hands were so sore and itched so badly I could not rest day or night. I could not put them in water nor do my reg-

"I tried medicine and several different kinds of cream on them but they got worse instead of better. Nothing did me any good until I tried Cuticura Soap and Ointment. And now my hands are perfectly well and all right." (Signed) Miss Ellen Tudor, Nov. 19,

Cuticura Soap and Ointment sold throughout the world. Sample of each free, with 32-p. Skin Book. Address postcard "Cutleura, Dept. L. Boston."-Adv.

Household and Mantal Order.

Freebel, "father of child-study," said that "inward clearness proceeds from outward order," and there is truth enough in the observation to give food for thought to the careless, untidy-mother and father. Froebel's saying was connected, no doubt, with his insistence that the child's play and work materials in the kindergarten should be taken out in perfect order and so returned at the close of the exercises, and Dr. Montessori, the Italian educationist, whose method is working a change in the teaching of children, requires the same thing in her "Houses of Childhood." There must indeed be a potent influence in an orderly, punctual, wisely-administered household, and there is no question that children brought up in such an atmosphere do show clearness in their mental processes. Fortunately this is an influence which is independent of riches or poverty and so can be exerted by any

One of the Guggenheims.

There's nothing like putting the best foot foremost—putting the best face on the matter," said Oswald Garrison Vil'ard in a recent Baltimore address. "Why shouldn't we all emulate Mrs. so long!" Suddon Ryches, whose father was a policeman?

"Lord Lacland said to Mrs. Suddon Ryches at a luncheon at Sherry's: What business is your father in.

"She flushed slightly, sipped her amber-colored Chateau Yquem, looked Lord Lacland straight in the eye, and

"Copper." "And Lord Lacland, remembering the pale palaces of the copper million aires overlooking the park, said: 'Ah! sagely, and was very much impressed indeed '

#### ARRESTED.

Further arrests are being made dailynot of persons, but of pain. Its Hont's Light-tung. Oil that so many people are talking don't because it arrests and stops pain, and affords almost instant relief in cases of Neu-ralgia, Rheumatism, Headaches, Burns, etc. Just try it if you want pain to quitquick Adv.

Essentially Feminine.

Plorist-This is a century plant. It blooms once in a hundred years. Lady-Haven't you got a century plant that will bloom oftener?-- ('h) eago Daily News.

Surely Wealthy.

"Is he rich?" "I should say he is. He's got three lawyers and four bookkeepers and seven expert accountants figuring out his income tax."-Detroit Pree Press.

They stop the tickle—Dean's Mentioniated Cough Drops stop coughs by stopping the cause—Je at Drug Stores.

There are 7,397,533,000,000 tons of coal in the world, according to an estimate made by the Coal Age.

No thoughtful person uses equid blue. It's a pinch of blue in a large bottle of water. Ask for Red Cross Ball Blue. Adv.

The third-class railway fares of india are less than a farthing a mile.

Millions of Red Cross Christmas Seals For Once, at Least, Mr. and Mrs Smith Found Themselves in

Absolute Harmony.

"We are united in this movement," nagitude of the Red Cross Christmas said Thomas M. Reed, a Denver physiseal campaign. This year over 100, clogist, apropos of a fight against the

"Yes, a single thought possesses us,

"At 3 a. m. of a bitter cold morning Mrs. Smith in her thin nightgown was pacing the floor with her colic-tormented babe in her arms. The babe's squawks of pain were terrible, yet they were easily drowned by the ear-splitting roars of young Smith, Jr., who tossed about his crib with a toothache

"Mr. Smith, shivering in his pajamas, bent over the washstand, trying to prepare a cotton filling for his son and a mustard plaster for his babe, when his wife's voice, scarcely audible above uproar, reached him.

"'John,' she said, 'if seven years age. I could have looked torward and beheld this scene, do you know what I'd have done"

'Yes, love,' Smith answered, 'You'd have done just what I wish I'd done

#### SEEMED LIKE 'RUBBING IT IN'

Algernon Really Had a Right to Re-sent This Last Action of Unfeeling Editor.

Algernon was a "free-lance" journalist, and at the moment could have done with considerably less freedom and more money. In fact, he was be ginning to realize that a regular salary bad its advantages. so was Algernon's wife.

A somewhat gloomy silence was broken by the letter carrier's knock, and, restraining any undignified baste Algernon went to the box it contained a foolscap envelope, which is not the kind that editors drop checks into.

"Shades of the poets!" quoth Alger-"This is really more than I can bear!"

What is it, dear?" piped his wife, What is it? Why, I sent this editor two stories and the heartless fellow as returned three!"

Social Engagement Line. A sweet young thing called to have

a telephone installed in her residence. Independent or party line?" asked

We have a great many social obligations," simpered the sweet young thing, "so I think you can make it a party line, even if it does cost a little more." Judge.

Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it

Bears the Signature of Chart Hillithing.
In Use For Over 30 Years. Children Cry for Fletcher's Castoria

Empty Compliments. You just ought to hear the great things the phrenologist said about

my head

Don't you believe him There's nothing it it.

Sure! Why do men get bald sooner than women? Breause they don't wear their half

Whenever You Need a General Tonic Take Grove's

The Old Standard **Grove's Tasteless** 

Is Equally Valuable as a General Strengthening Tonic, Because it Acts on the

You know what you are taking when you take Grove's Tasteless chill Tonic, as the formula is printed on every label, showing that it contains the well-known tonic properties of QUININE and IRON. It has no equal for Malaria, Chills and Fever, Weakness, General Debility and Loss of Appetite. Gives life and vigor to Nursing Mothers and Pale. Sickly Children. A True Tonic and Sure Appetizer. For grown people and children. Guaranteed by your Druggist. We mean it. 50c.



## "You Will Smile"

when you see the appetite returning, the digestion becoming better, the liver working properly and the bowels regular. This means health. To bring about this condition you should try

#### HOSTETTER'S Stomach Bitters

It is a real safe guard against all ailments of the Stomach, Liver and Bowels and will help you to maintain health and strength at all times.

DON'T FAIL TO TRY A BOTTLE



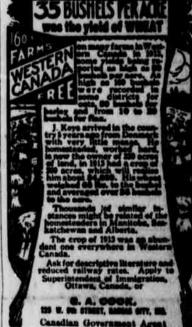
### **READERS**

of this paper desiring to buy any-thing advertised in its columns should insist upon having what they ask for, refusing all substitutes or imitations.

W. N. U., Oklahoma City, No. 51-1913

# chill Tonic

Liver, Drives Out Malaria, Enriches the Blood and Builds Up the Whole System.



## The Typewriter for the Rural Business Man

Whether you are a small town merchant or a farmer, you need a typewriter. Ball Rearing If you are writing Long Wearing your letters and bills

by hand, you are not getting full It doesn't require an expert oper-

ator to run the L. C. Smith & Bros. typewriter. It is simple, compact, complete, durable. Send in the attached coupon and

we will give especial attention to your typewriter needs.

L. C. Smith & Bros. Typewriter Co.,

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# TNAM FADELESS DYES

One of the Seven Will you tell me why your servant New

has three alarm clocks on the table by his bed! is he as sleepy as all that "

he sets one clock for five o'clock, anthe sets one clock for five o'clock, and the third other for six o'clock, and the third for seven o'clock. At eight o'clock i get up and drag him cut of bed my
Located—No More Constipation.

They are so good for all Liver, Stomach and Howel ailments that famous physicians in Hot Springs, Ark., prescribe them because they know of nothing better.

Daughter-Just think! I can get

the duke for anly five million! Father-He is overcapitalized. Judge.

The total amount of money respos ing on the oceans' bottoms in the shape of submarine cables is \$250,-

## Certain Liver Remedy that **Puts Calomel Out of Business**

a Liver, Stomach and Bowel remedy by Your money back if they are not just have HOT SPRINGS LIVER BUTTONS, grand. that is a certain cure for constipation.

They are gentle in their action and give monials from Hot Springs Chemical Ca.

speedy and blissful relief.

They are a grand tonic. They build you To relieve constitution with violent permedies that simply force their way through the bowels is easy—but how about blotches from the skin and are splendid for headache, dizziness and nervousness.

All real drug stores carry H O T SPRINGS LIVER BUTTONS-25 etc.

# Death Lurks In A

The man who employs mules or in return only their labor. Mares employed for farm work, if intelligently handled, can do all the work that is

required and will produce in addition a considerable number of colts, which rapidly develop into marketable animals, thereby adding to the farm in-

costs with a considerable balance to than labor.

plow. The small mule and a small good grade of draft mares weighing turning plow is a guarantee of shallow from 1,200 to 1,500 pounds of fairly soil devoid of vegetable matter or good type,

BROKEN WIND

RING BONE

Draft horse sires must not only have etable matter means small crops and weight, but they must possess quality, poor farmers. The soil should be it has been found that the heavy qualideep and full of humus in order to in- ty will perform more work with greatcrease the storage capacity for water er ease than will the horse of phiegand thereby enable it to hold enough matic disposition and temperament water to carry the crop through the The draft horse that is suited for the longest drought in the summer south must possess quality. There though heavily fertilized. We cannot must be no tendency to coarseness. must be no tendency to coarseness plow deep or turn under the corn and heavy coats of hair, or sluggish dispocotton stalks, oat and pea stubble, sition,

The prejudice that exists against the size of the draft horse is not well. Cultivating crops with one-horse founded. The Tennessee experiment plows and one-horse cultivators is a station uses heavy draft Percheron mares with pronounced success. They perform heavy work at this station and stumps. This is an age of labor- and at many farms throughout the en tire summer of each year beside small southern-grown horses and mules and die three or four times at each culti- without greater discomfort. Aside from being in harness every day, the two mares at the Tennessee station The farmers of the south should reared a heavy pair of colts that the raise the necessary horse power. Mil- station refused \$400 for when six

The mule is one of the most vital cogs in the industrial, commercial and afford to keep mules and geldings. At agricultural progress of the south. It is in consequence of his faithful service that the larger part of corn, rice and cotton, as well as numerous other crops, are produced and transported to market. The mule is without a rival for work in the logging can us, while he excels as a beast of burden geldings in farm operations receives in the railroad camps and for trucking and for livery purposes in the cities He possesses the ability to resist discase and withstand the strain of severe labor on less and poorer feed than the horse. In many lines of work, and particularly those just mentioned, the mule is decidedly superior to the horse, and I have no quarrel It is generally considered that three with those who claim a mule is more brood mares must be kept to do the economically fed and a more efficient same work that can be done by a pair work animal than a horse of equal of mules or geldings of equal strength, weight. At the same time, it must be but the difference in feed cost is admitted that the mule is without slight, and the value of the colts produced offsets such difference in feed and valueless for any purpose other

